22

and combinations thereof.

CLAIMS

1	1. Method for providing telephonic communication
2	services, comprising the steps of:
3	(A) obtaining an analog signal from a telephone
4	for selection from the group consisting of:
5	(i) initiating a message, and
6	<pre>(ii) receiving a message;</pre>
7	(B) converting such analog signal to digital;
8	(C) creating a plurality of outgoing digital
9	data packets from individual digital signals, and
10	(D) providing an interface for transfer of such
11	digital data packets to an analog-operated carrier medium,
12	having hardwired characteristics, selected from the group
13	consisting of:
14	(i) 110 volt, 3-phase electric utility power
15	lines,
16	(ii) 220 volt, 3-phase electric utility power
17	lines,
18	(iii) fiber optic lines,
19	(iv) coaxial cable, and combinations thereof,
20	while providing for selection from the group
21	consisting of initiating a message, receiving a message,

2

3

service

over

а

1 The method of Claim 1, including the step of selecting an electrical capacitive interface for 2 transfer of such digital data packets to an analog-operated 3 electrical power transmission network carrier medium. 1 The method of Claim 1, in which 2 such digital signal packet transfers are selected from 3 the group consisting of: 4 (i) voice, (ii) data, and 5 6 (iii) combinations of (i) and (ii). 1 The method of Claim 1, further comprising: 2 (A) receiving a plurality of incoming digital data packets as individual digital signals; 3 · (B) converting such digital signals to analog; 5 and 6 (C) sending such converted analog signals over 7 such analog-operated carrier medium, with selection from 8 the group consisting of to a single telephone user, and to multiple telephone users. 9 1 Apparatus for providing telephonic communication

characteristics, free of a requirement for installing a

medium

having

carrier

27	instructions from such gateway central processor
28	means, and
29	(b) random access memory; and
30	(C) connector means for connecting such gateway
31	means to a public service telephone network trunk.
1	6. The apparatus of Claim 5, wherein
2	such digital signal processor means of such service
3	unit includes a voice coder.
1	7. The apparatus of Claim 6, wherein
2	such packet controller of such service unit utilizes
3	a voice-over telephone chip.
1	8. The apparatus of Claim 7, wherein such carrier
2	medium is selected from the group consisting of:
3	(i) 110 volt, 3-phase electric utility power
4	lines,
5	(ii) 220 volt, 3-phase electric utility power
6	lines,
7	(iii) fiber optic lines,
8	(iv) coaxial cable, and combinations thereof.